

# 2007 U.S. Army Research and Development Achievement (RDA) Awards

Dr. John A. Parmentola

**T**he Department of the Army (DA) RDA Awards recognize outstanding scientific and engineering achievements and technical leadership throughout the Army's commands; laboratories; and research, development and engineering centers. Annually, each U.S. Army major command nominates individuals or small teams that have conducted innovative and outstanding research and development (R&D). The evaluation panel is chaired by the Director for Research and Laboratory Management, Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology (OASAALT), and consists of leading experts in the Army's science and technology (S&T) community. From more than 13,000 eligible personnel, less than one percent receives an RDA Award. Consequently, these awards represent truly outstanding achievements from the Army S&T community. The breadth of R&D work associated with the RDA Awards supports the full spectrum of Army missions from a major theater of war to stability and support operations.



## RDA Awards

The 2007 RDA Awards recognized 95 DA scientists and engineers for their outstanding scientific, technical and leadership accomplishments during calendar year 2006. Award recipients distinguished themselves through their proven scientific and technical excellence. Their individual outstanding contributions will advance the Army's capabilities and enhance U.S. national defense and welfare. Their pioneering

work and dedication in 12 areas of basic research and 12 technology development areas — ranging from behavioral and social sciences to armor, aviation and missiles — bring great credit to themselves, their organizations and the Army. Further, these awards reflect the great diversity of talent and expertise within the Army laboratory system to support the future capabilities of our Soldiers.

The following list recognizes the 2007 RDA Award winners and the organizations they represent:

**Office of the Secretary of Defense,  
Robotic Systems Joint Project Office**  
COL Edward M. Ward, U.S. Marine Corps

**OASAAIT**  
Dr. John A. Parmentola

Throughout the year, the Army's S&T community conducts cutting edge R&D to support the full range of Army operations. Their scientific and technical research results in innovative technologies that are spiraled into Current Force weapon and communication systems. Here, Soldiers from Delta Co., 2nd Battalion (Bn), 3rd Brigade Combat Team (BCT), 25th Infantry Division, assemble an Improved Target Acquisition System Tow Missile launcher near Riyadh, Iraq, last April. (U.S. Air Force photo by TSGT Maria J. Bare, 1st Combat Camera Squadron.)



The Army S&T community conducts pioneering R&D in a variety of developmental areas ranging from the behavioral and social sciences to armor, aviation and tactical missile systems. Here, Bravo Co. Soldiers from the 1st Squadron, 4th Cavalry Regiment, 1st Infantry Division, patrol in their M1A1 Abrams tank during Operation Iraqi Freedom. (U.S. Army photo by PV2 Brandi Marshall.)

Nausheen Al-Shehab  
Dr. Ernest L. Baker  
Wayland P. Barber, C.P.L.  
Daniel L. Cler  
Robert L. Cooley  
Thomas Coradeschi  
Dr. Reddy Damavarapu  
Stanley DeFisher  
Edward W. Holmes  
Robert Pinto  
Gregory Schneck  
Sanjeev Singh  
Christopher M. Smith  
David C. Smith, P.E.  
Dr. Rao Surapaneni  
Stephen M. VanDyke-Restifo

#### **Army Research Laboratory**

Dr. William R. Anderson  
Stephen A. Aubert  
Victor K. Champagne  
Dr. Melanie W. Cole  
Dr. J. Derek Demaree  
Bruce Geil  
Clifford Hubbard  
Nicholas Jankowski  
Dr. Anthony J. Kotlar  
Dr. Keith Krapels  
Dr. Kaleb McDowell  
Dr. Michael J. McQuaid  
Eric Ngo  
Dr. William Nothwang  
Dr. Michael J. Nusca

#### **Army Vice Chief of Staff, Maneuver Support Battle Lab**

MAJ Scott Werkmeister

#### **Deputy Chief of Staff, G-1, Army Research Institute for the Behavioral and Social Sciences**

Dr. James W. Lussier  
Dr. Scott B. Shadrick

#### **U.S. Army Research, Development and Engineering Command, Aviation and Missile Research, Development and Engineering Center**

LaShanda Felton  
Robert C. Glover  
Ralph H. Halladay  
Sean P. Hawkins  
W. Scott Howard  
Gary T. Jimmerson  
Dr. Henry E. Jones  
Donald E. Lovelace  
Nathan P. Mathis  
R. Scott Michaels  
Kevin W. Noonan  
Patrick E. Renfroe  
William T. Schultz  
Dr. Mark B. Tischler  
Mike H. Turner

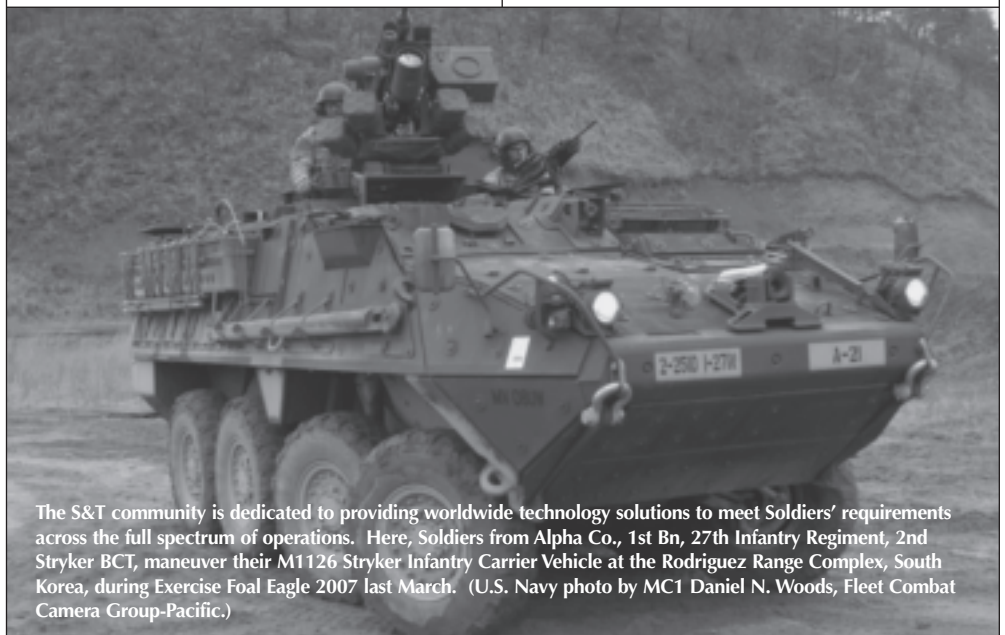
Zhu S. Wang  
Dr. Oliver D. Wong

#### **Army Materiel Systems Analysis Activity**

Dean Muscietta  
Dr. Dwayne Nuzman

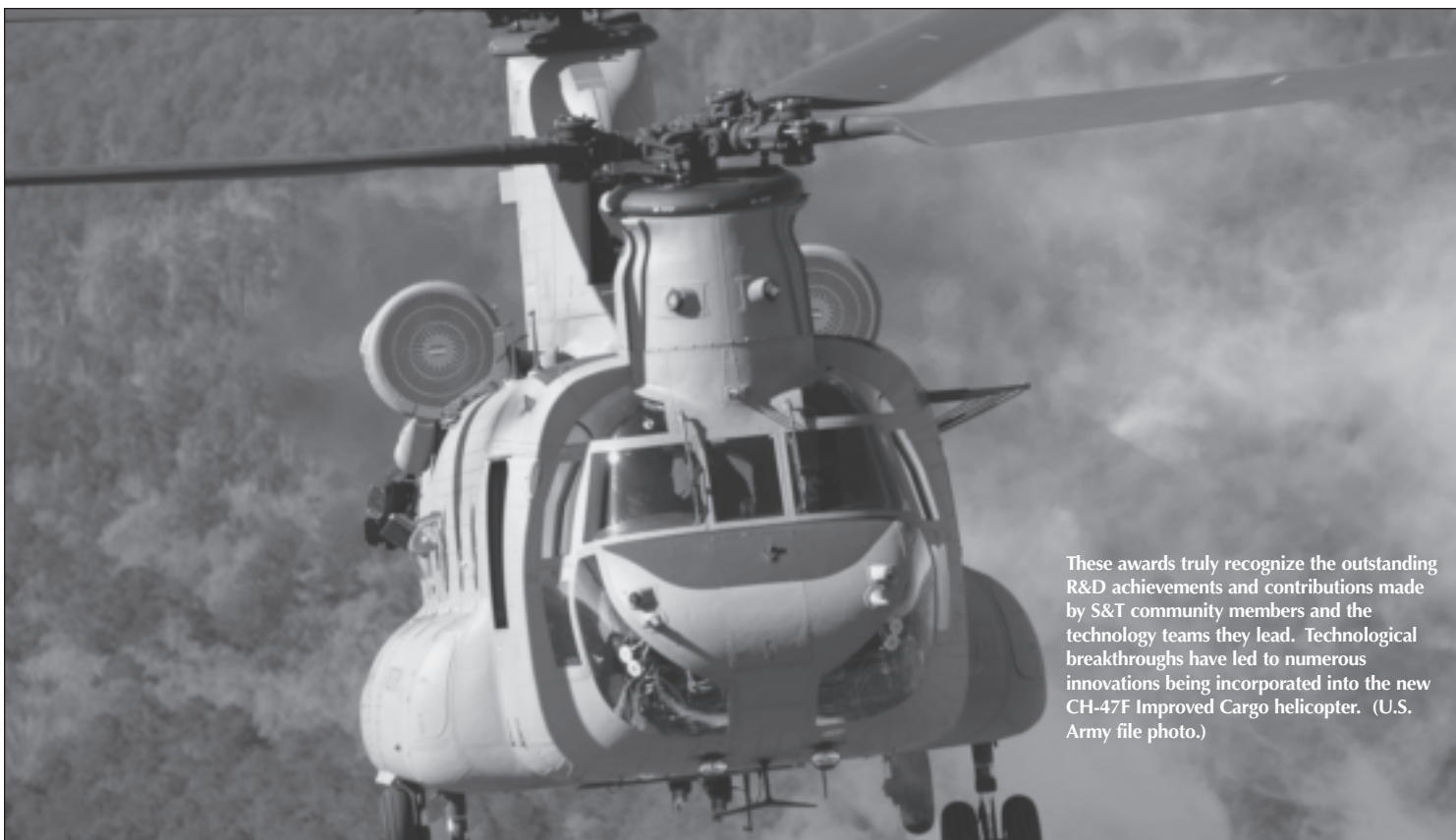
#### **Armament Research, Development and Engineering Center**

Christopher J. Aiello  
Patricia Alameda



The S&T community is dedicated to providing worldwide technology solutions to meet Soldiers' requirements across the full spectrum of operations. Here, Soldiers from Alpha Co., 1st Bn, 27th Infantry Regiment, 2nd Stryker BCT, maneuver their M1126 Stryker Infantry Carrier Vehicle at the Rodriguez Range Complex, South Korea, during Exercise Foal Eagle 2007 last March. (U.S. Navy photo by MC1 Daniel N. Woods, Fleet Combat Camera Group-Pacific.)





These awards truly recognize the outstanding R&D achievements and contributions made by S&T community members and the technology teams they lead. Technological breakthroughs have led to numerous innovations being incorporated into the new CH-47F Improved Cargo helicopter. (U.S. Army file photo.)

Dr. Chuck H. Perala  
Dr. Brian D. Roos  
Dr. Sidra I. Siltan  
Dr. Bruce S. Sterling  
Dr. Mikhail A. Vorontsov  
Christopher Waits  
Dr. Paul Weinacht  
Dr. Shiqiong Susan Young

**Communications-Electronics  
Research, Development and  
Engineering Center**

Henry Croley  
Mark Cumo  
Dr. Ronald G. Driggers (Leadership  
Award and Achievement)  
Aaron La Pointe  
Dr. Roy T. Littleton  
Pat Maloney  
John M. Petek  
Jason Ruck  
Eric C. Slominski  
David T. Wiatt  
Dr. Jason G. Zeibel

**Edgewood Chemical Biological Center**  
Daniel J. Weber

**Natick Soldier Center**

Robert Auer  
Dr. Christopher Doona  
Florence Feeherry  
Dr. Dale Malabarba

**Tank Automotive Research,  
Development and Engineering Center**

Patrick Nunez  
John J. Schmitz (Leadership Award)

**U.S. Army Corps of Engineers, Engi-  
neer Research and Development Center**

Dr. Jeffrey L. Davis  
Michael A. Tischler  
Roy Wade

**U.S. Army Medical Research and Ma-  
teriel Command (MRMC), Army  
Aeromedical Research Laboratory**  
Dr. Adrianus J.M. Houtsma (Leader-  
ship Award)

**MRMC, Medical Research Institute  
of Infectious Diseases**

Catherine V. Badger  
Dr. Jay W. Hooper

Dr. Connie S. Schmaljohn  
Dr. Melanie P. Ulrich

**Walter Reed Army Institute of  
Research**

Dr. Nageswararao Chilukuri  
Kalpana Parikh

**U.S. Army Training and Doctrine  
Command, U.S. Army Test and  
Evaluation Command**

MAJ Jeffrey Redecker

**U.S. Army Maneuver Support Center,  
U.S. Army Military Police School**  
George T. Anderson Jr.

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**DR. JOHN A. PARMENTOLA** is the Di-  
rector for Research and Laboratory Manage-  
ment, OASAALT. He has a B.S. in physics  
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setts Institute of Technology.